

Application No.: 09/752,123

Docket No.: JCLA6706

REMARKS**Present Status of the Application**

The Office Action asserted the oath or declaration of the present invention is defective. Moreover, the Office Action objected the abstract of the disclosure and objected the specification due to some informality, and rejected all presently pending claims 1-12. Specifically, the Office Action rejected claim 5 under 35 U.S.C. 112, second paragraph, and rejected claims 9-12 under 35 U.S.C. 101. Moreover, the Office Action rejected claims 1, 3, 5, 7, 9 and 11 under 35 U.S.C. 102(b) as being anticipated by York (US 6,002,881A). Furthermore, the Office Action also rejected claims 2, 4, 5, 6, 7, 8, 10 and 12 under 35 U.S.C. 103(a) as being unpatentable over York. Applicant respectfully traverses the rejections and states clearly how the application distinguishes from York. Applicant respectfully asserts that York does not anticipate any pending claims in the application, and reconsideration of those claims is respectfully requested.

Discussion of Office Action Objections

The Office Action objected the abstract and Specification as having informalities therein. In order to correct the informalities, Specification and abstract are amended as stated above according to suggestion proposed by the Office Action.

Refer to Fig. 1 and page 6 of the Specification, it is known to those skilled in the art that the CS is a control signal to control the coprocessor, and other data, including coprocessor memory access instruction, is transmitted to coprocessor via DB (data bus). In order to clearly

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explain what CS is, well known technique is provided in the amended specification (p6, line 21) and therefore no new matter is entered by this amendment.

Furthermore, according to Specification, it is possible to select a coprocessor by using the coprocessor number field only, or the coprocessor register field can be used to indicate data content and length. Therefore, line 10 in page 6 is amended as above and no new matter is entered.

Discussion of Office Action Rejections

[35 USC 101 discussion]

Claims 9-12 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. In order to overcome the informality, the applicant amends claim 9 to be a function material with creating functional interrelationship while the material is read by a computer. The technique disclosed therein is the same as the original technique claimed in Claim 9 but re-written in another form. Therefore, no new matter is entered and these claims are believed to direct to a patentable subject matter.

[35 USC 102 discussion]

After entering the amendment in the claims, claim 9 is patentable over York at least because York does not disclose the feature of "...a particular coprocessor ... is determined by the value of in the indicating field." as claimed in claim 9. More specifically, according to column 63 and column 64, lines 10-20 in York, on which the Office Action depends, bits 12-15 and 0-7

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direct to the same thing as indicating field of the present invention. However, according to column 63, lines 25-27 in York, those bits are used to store information about specific registers to be used. For more detail, bits 12-15 are used to specify the first Piccolo register in <Rlist>, and bits 0-7 are used to specify the number of registers to transfer. It is therefore very clear that the indicating field of the present invention performs different function from those bits in York because the indicating field of the present invention specifies a particular coprocessor but not specifies the registers.

Accordingly, claim 9 is patentable over York at least because the reasons stated above. The same reasons can be applied to independent claims 2 and 6.

Furthermore, since claims 2, 6 and 9 are patentable over York, the dependent claims 4, 8 and 10-12 are patentable over York as a matter of law.

[35 U.S.C. 103 discussion]

After entering the amendment in the claims, claims 2, and 6 are patentable over York at least because York does not disclose, teach or suggest the feature of "...a coprocessor number field, for storing information about a specific coprocessor to be activated." as claimed in claims 2 and 6. More specifically, according to column 63 and column 64, lines 10-20 and column 63, lines 25-27 in York, on which the Office Action depends, bits 12-15 specify the first Piccolo register in <Rlist>, and bits 0-7 specify the number of registers to transfer. It is therefore very clear that the indicating field of the present invention performs different function from those bits in York because the indicating field of the present invention specifies a particular coprocessor

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but not specifies the registers. Furthermore, there are *no any suggestions to use the indicating field to specify a certain coprocessor in York*, therefore, those skilled in the art can not obtain the technique feature claimed in claims 2 and 6 by combining what York disclosed.

Accordingly, the amended independent claims 2 and 6 are patentable over York. Furthermore, independent claim 9 is patentable over York for at least the same reason.

Moreover, since the independent claims 2, 6 and 9 are patentable over York, claims 4, 8 and 10-12 are also patentable over York as a matter of law since their dependent claims are patentable.

For at least the foregoing reasons, Applicant respectfully submits that independent claims 2, 6 and 9 patently define over the prior art reference, and should be allowed. For at least the same reasons, dependent claims 4, 8 and 10-12 patently define over the prior art as well.

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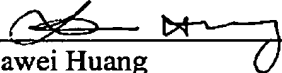
CONCLUSION

For at least the foregoing reasons, it is believed that the pending claims 2, 4, 6, 8 and 9-12 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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Respectfully submitted,
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